

WHAT IS CLAIMED IS:

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1. A lighting device, comprising:

a light source that illuminates an object of illumination;

a reflecting member provided opposite said
10 light source so as to direct a first part of
illuminating light emitted therefrom to the object of
illumination; and

a light-blocking member provided between
said light source and the object of illumination and
15 between said reflecting member and the object of
illumination so as to block the first directed part
of the illuminating light and a second part of the
illuminating light which second part directly
illuminates the object of illumination with a certain
20 ratio of a light-blocking rate for the first directed
part of the illuminating light to a light-blocking
rate for the second directly illuminating part of the
illuminating light.

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2. The lighting device as claimed in claim
1, wherein said reflecting member is positioned so
that a distance between said reflecting member to the
object of illumination is less than a distance
5 between said light source and the object of
illumination.

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3. The lighting device as claimed in claim
1, further comprising a light-transmitting member on
which the object of illumination is placeable, the
light-transmitting member being provided between said
15 reflecting member and the object of illumination,

wherein said light-blocking member is
provided to said light-transmitting member.

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4. The lighting device as claimed in claim
3, wherein said light-blocking member is held on said
light-transmitting member and provided as part of
25 said light-transmitting member.

5. The lighting device as claimed in claim
4, wherein said light-blocking member is formed
integrally with said light-transmitting member by
printing.

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6. The lighting device as claimed in claim
10 4, wherein said light-blocking member is formed
integrally with said light-transmitting member by
performing surfacing processing thereon.

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7. The lighting device as claimed in claim
1, wherein the light-blocking rate for the second
directly illuminating part of the illuminating light
20 is greater than the light-blocking rate for the first
directed part of the illuminating light.

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8. The lighting device as claimed in claim
1, wherein said reflecting member is positioned so
that the first directed part of the illuminating
light and the second directly illuminating part of
5 the illuminating light are balanced in quantity.

10 9. An image sensor, comprising:
a lighting device as set forth in claim 1;
a light-receiving element receiving light
reflected from the object of illumination; and
a focusing lens condensing the light
15 received from the object of illumination toward said
light-receiving element.

20 10. A lighting device, comprising:
light source means for illuminating an
object of illumination;
reflecting means provided opposite said
25 light source for directing a first part of

illuminating light emitted therefrom to the object of illumination; and

light-blocking means provided between said light source and the object of illumination and
5 between said reflecting member and the object of illumination for blocking the first directed part of the illuminating light and a second part of the illuminating light which second part directly illuminates the object of illumination with a certain
10 ratio of a light-blocking rate for the first directed part of the illuminating light to a light-blocking rate for the second directly illuminating part of the illuminating light.

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11. The lighting device as claimed in claim 10, wherein said reflecting means is positioned so
20 that a distance between said reflecting means to the object of illumination is less than a distance between said light source means and the object of illumination.

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12. The lighting device as claimed in claim
10, further comprising light-transmitting means on
which the object of illumination is placeable, the
light-transmitting means being provided between said
5 reflecting means and the object of illumination,

wherein said light-blocking means is
provided to said light-transmitting means.

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13. The lighting device as claimed in claim
12, wherein said light-blocking means is held on said
light-transmitting means and provided as part of said
15 light-transmitting means.

20 14. The lighting device as claimed in claim
13, wherein said light-blocking means is formed
integrally with said light-transmitting means by
printing.

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15. The lighting device as claimed in claim 13, wherein said light-blocking means is formed integrally with said light-transmitting means by performing surfacing processing thereon.

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16. The lighting device as claimed in claim 10, wherein the light-blocking rate for the second directly illuminating part of the illuminating light is greater than the light-blocking rate for the first directed part of the illuminating light.

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17. The lighting device as claimed in claim 10, wherein said reflecting means is positioned so that the first directed part of the illuminating light and the second directly illuminating part of the illuminating light are balanced in quantity.

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18. An image sensor, comprising:
a lighting device as set forth in claim 10;
light-receiving means for receiving light
reflected from the object of illumination; and
5 focusing means for condensing the light
received from the object of illumination toward said
light-receiving means.